



SAFE AND CONNECTED



FY2019 Fleet Replacement



Legislative Approval

- Nevada Legislature has approved a fleet procurement package for NDOT during the 2017 legislative session
- NDOT is requesting NDOT Board approval to procure fleet units valued at greater than \$50,000





Transportation Board Approval to Procure New Equipment

NRS 408.389 states that the Department shall not procure any equipment which exceeds value of \$50,000 unless the purchase is first approved by the Transportation Board





Approved Biennial Legislative Budget (Summary)

OBJECT	Description	FY2018	FY2019
E-230 Dist. 1	I-II NEW CREW EQUIPMENT	\$1,659,000	
E-230 Dist. 2	USA PARKWAY NEW CREW EQUIPMENT	\$1,482,000	
E-231 B013	NEW ENVIRONMENTAL TRUCK	\$ 27,000	
E-710 B797	NDOT REPLACEMENT HEAVY DUTY EQUIPMENT	\$7,500,000	\$7,500,000
E-720 B797	NEW ADDITIONAL EQUIPMENT REPLACE HWY PATROL VEHICLES	\$1,000,000	
E-720 B797	DISTRICT 1 NEW ADDITIONAL SPECIAL EQUIPMENT	\$1,000,000	
E-720 B797	DISTRICT 2 NEW ADDITIONAL SPECIAL EQUIPMENT	\$ 995,000	
E-720 B797	DISTRICT 3 NEW ADDITIONAL SPECIAL EQUIPMENT	\$ 969,000	
E-720 B040	CONSTRUCTION & BRIDGE ADDITIONAL SPECIAL EQUIPMENT	\$ 840,000	\$ 620,000



E-710 Fleet Replacement

Class	No.		FY2019 Dollar
Code	Units	Description	Amount +/-
01 & 01A	3	Passenger Vehicles & SUV	\$75,000
03	13	3/4 Ton Pickups	\$535,000
05	36	1/2 Ton Pickups	\$910,000
08	1	Misc Maintenance Unit	\$25,000
11misc	20	Misc Trucks	\$1,500,000
13	12	Tandem Axle Dump Trucks	\$3,500,000
14	2	Transport Trucks	\$260,000
21	2	Self Propelled Broom	\$120,000
40	1	Patch Crack Filler	\$70,000
54 & 54B	2	Tractor / Back Hoe	\$335,000
63	5	Prog Message Board	\$110,000
114	2	Crash Attenuator	\$62,000
Total	99		\$7,500,000



Fleet Replacement Criteria

- Miles/Hours
- Age
- Downtime
- Repair/Recapitalization costs
- Parts Availability





Units Meeting Replacement Requirement

- This FY19 proposal replaces 4% of the current fleet
- Before this replacement, more than 50% of the fleet meets replacement requirements
- After this replacement, more than 45% will meet the equipment replacement criteria





Class 12/13 - Dump Truck

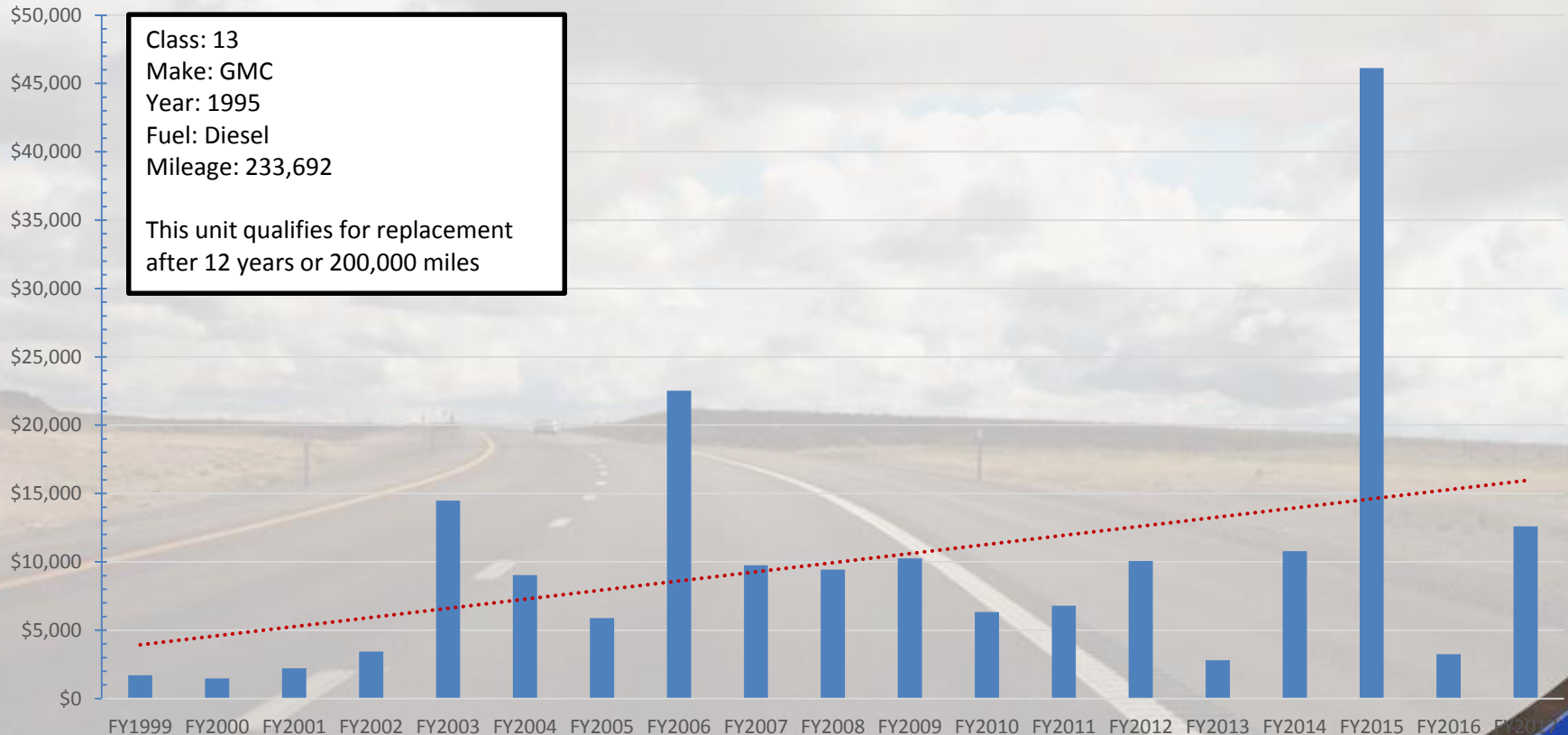




Maintenance Case Study #1

FY1999-2017

Unit 0829





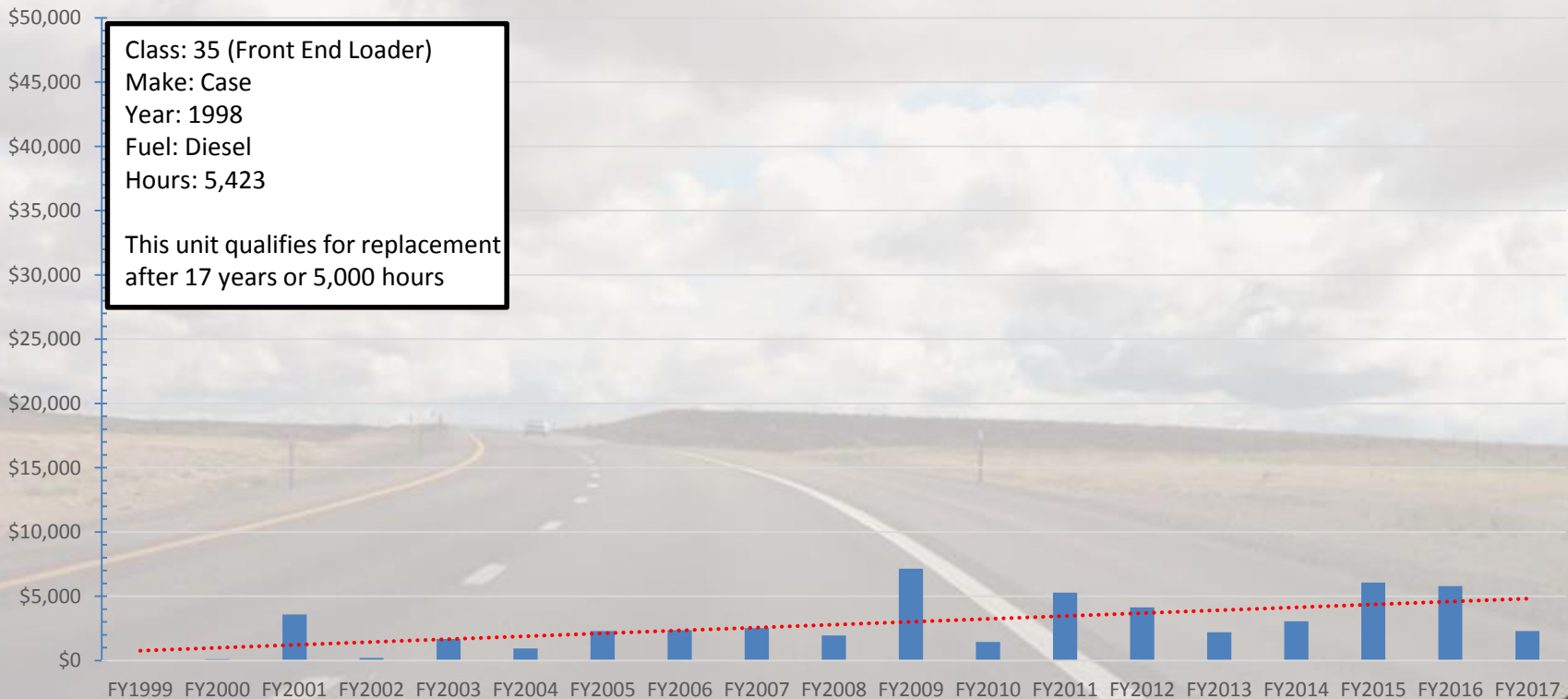
Class 35 - Front End Loader





Maintenance Case Study #2

Unit 2217









E-720 Fleet Augmentation Bridge & Const Additional Equip

		FY2018	FY2019
1x 1 HIGH SPEED PROFILING SYSTEM		\$0	\$80,000
6x CONSTRUCTION LAB TRAILERS (3 per year)		\$540,000	\$540,000
1x BUCKET TRUCK		\$300,000	\$0
HQ Bridge & HQ Construction Total		\$840,000	\$620,000



E-720 Fleet Augmentation Bridge & Const Additional Equip

Lab trailers are in a fleet augmentation program; however, they are a replacement strategy

We will purchase three new trailers per year and salvage three old lab trailers per year



How do we use our fleet and how does this impact how we move forward?

























NRS Required Analysis

NRS408.389 requires that NDOT prepare and present to the Board an analysis of the costs and benefits, including, without limitation, all related personnel costs, that are associated with:

- (1) Purchasing, operating and maintaining the same item of equipment;
- (2) Leasing, operating and maintaining the same item of mobile equipment; or
- (3) Contracting for the performance of the work which would have been performed using the mobile equipment;

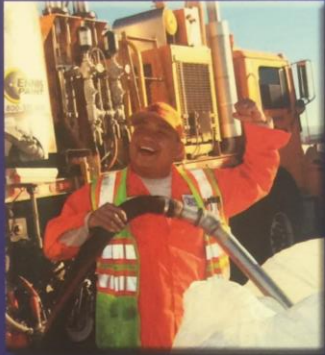
NDOT is required to justify the need for the purchase based on that analysis.



Staff Recommendations

- This presentation reflects budget authorization from legislature
- NRS requires board approval to implement this procurement
- After analysis, staff recommends approving procurement of fleet as proposed in the staff report





Temporary Highway Maintenance Worker I & II

- *Must be 18 years of age to apply*
- *Class A or B Commercial Drivers License will be required upon application*

Applications now being accepted online



Your Road to Success!

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Apply online: nevadadot.com/jobs
NDOT recruitment: (775) 888-7430

The State of Nevada is an EEO/AA Employer

Employment Opportunities

Construction Aid (temp)
starting salary \$12.65/hr

Highway Maint Worker I
(winter temp & permanent)
Starting Salary \$14.17/hr



Questions?



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